

Figure 1

05879469.061204

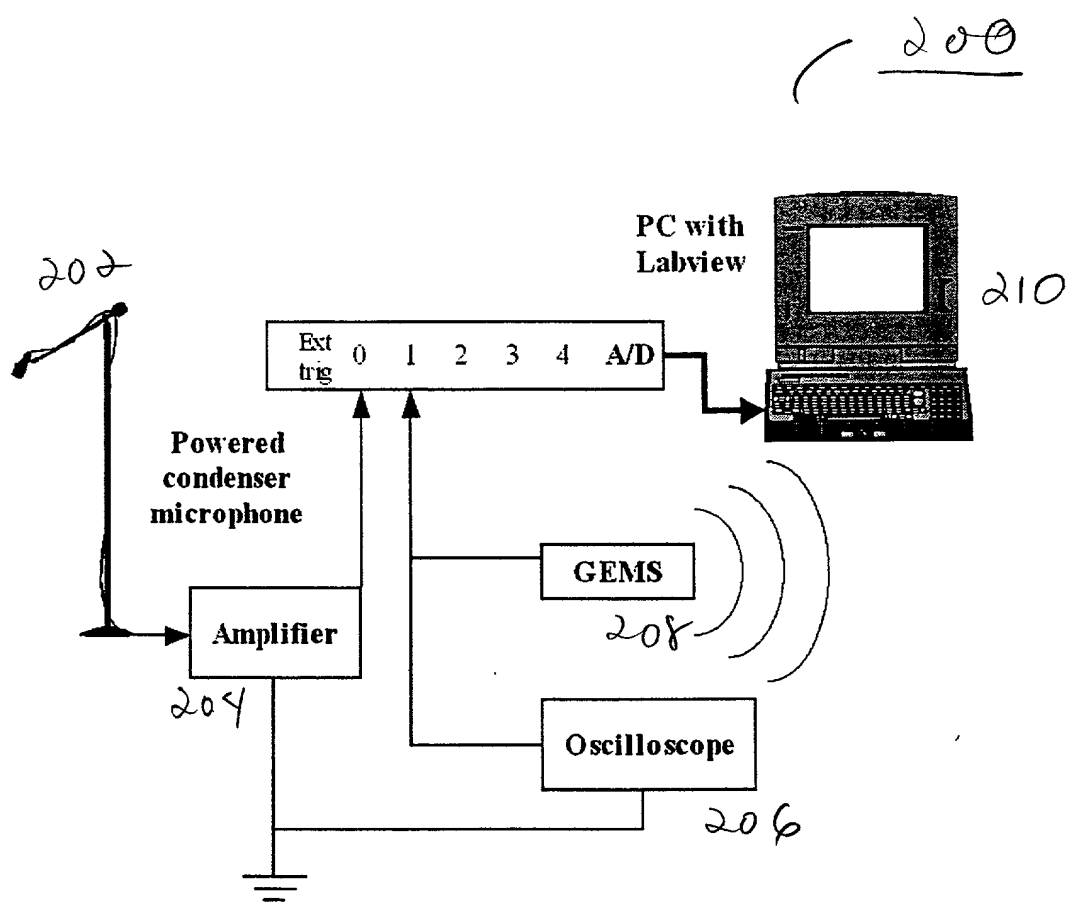


Figure 2

09879469.061201

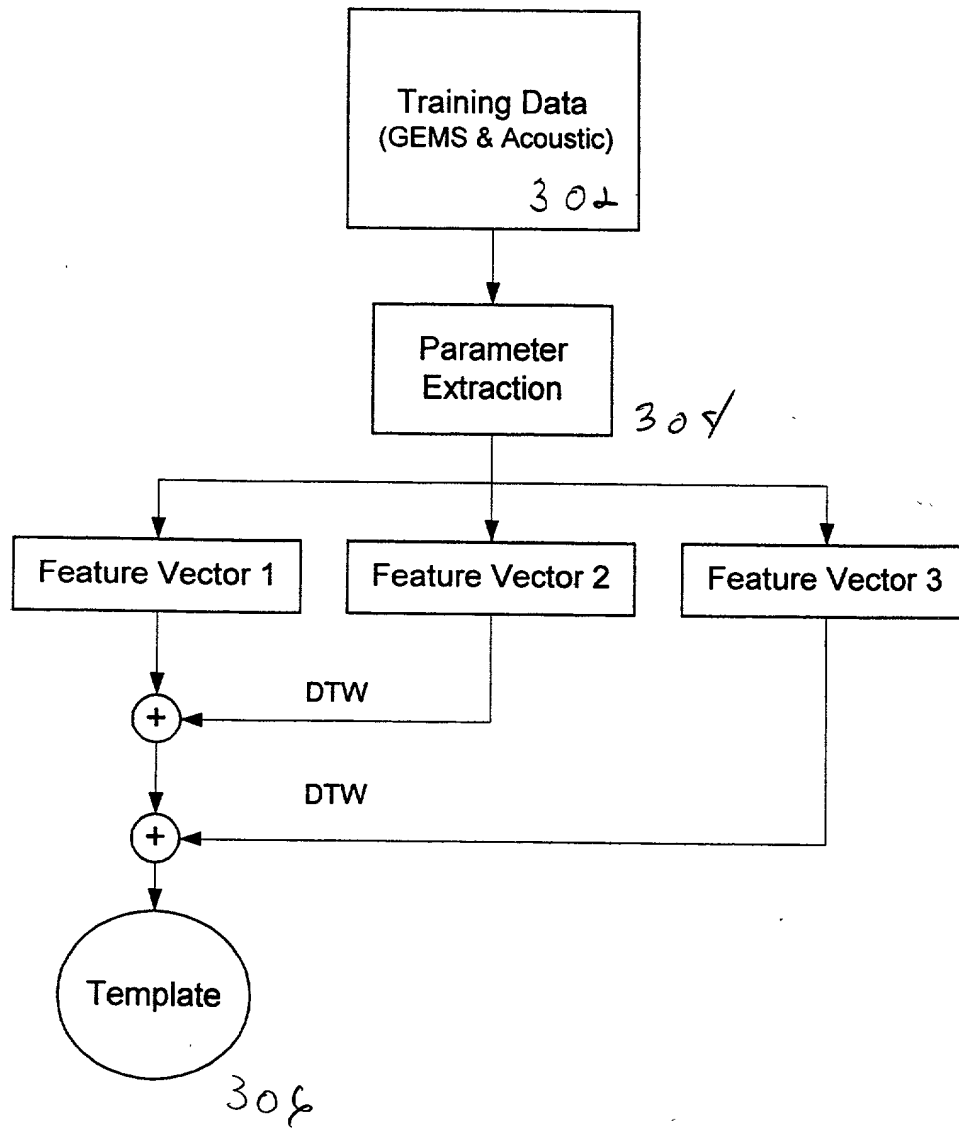


Figure 3

602150" 6946/350

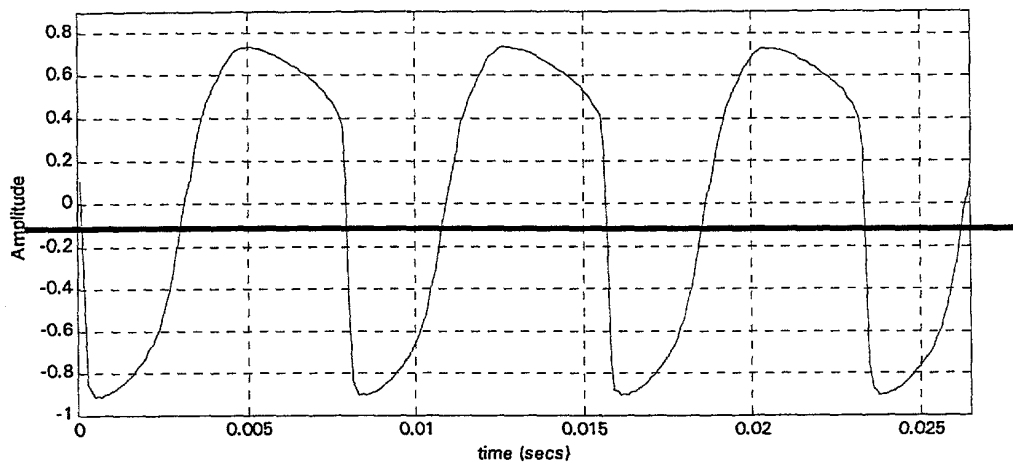


Figure 4

Figure 1 consists of four vertically stacked plots, labeled Sp1, Sp2, Sp3, and Sp4 on the left. Each plot shows the time evolution of a spin component over 500 samples. The x-axis for all plots is 'Samples' from 0 to 500. The y-axis for all plots ranges from -1 to 0.5. Sp1, Sp2, and Sp4 show periodic oscillations with sharp drops, while Sp3 shows smoother oscillations with sharp dips.

Figure 5

FIG. 6

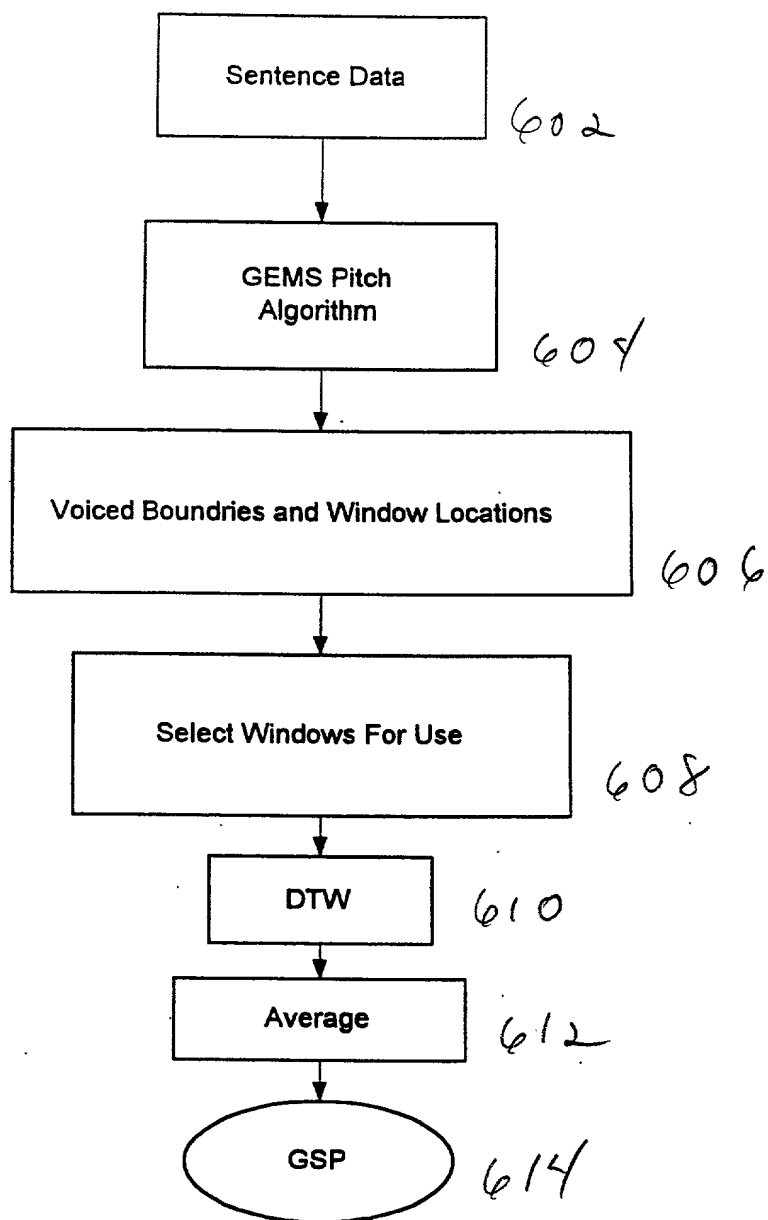


Figure 6

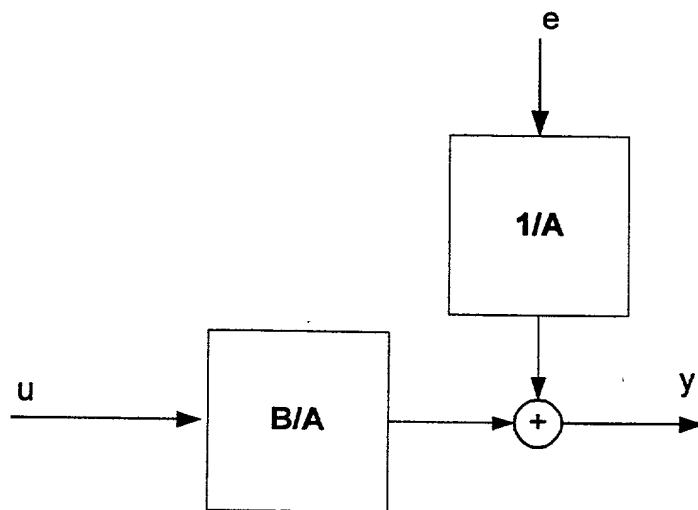


Figure 7

098794459-064201

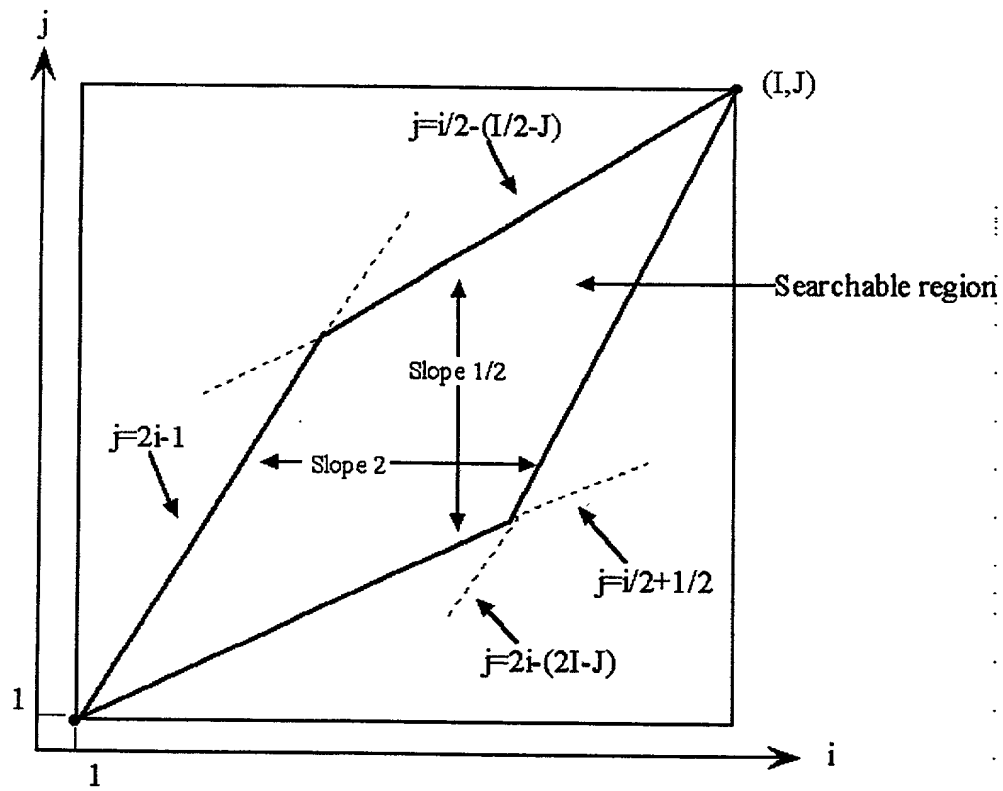


Figure 8



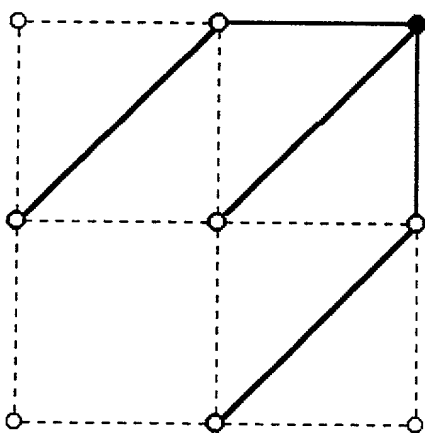


Figure 9

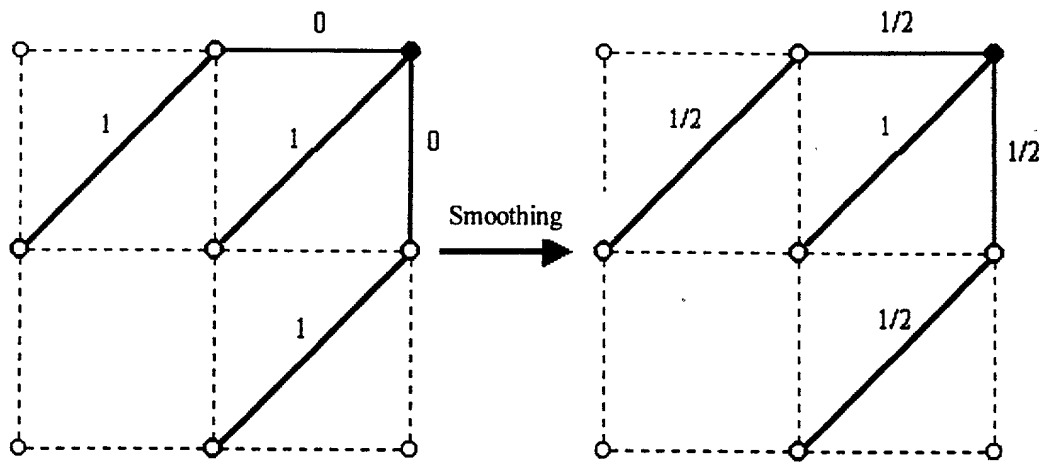


Figure 10

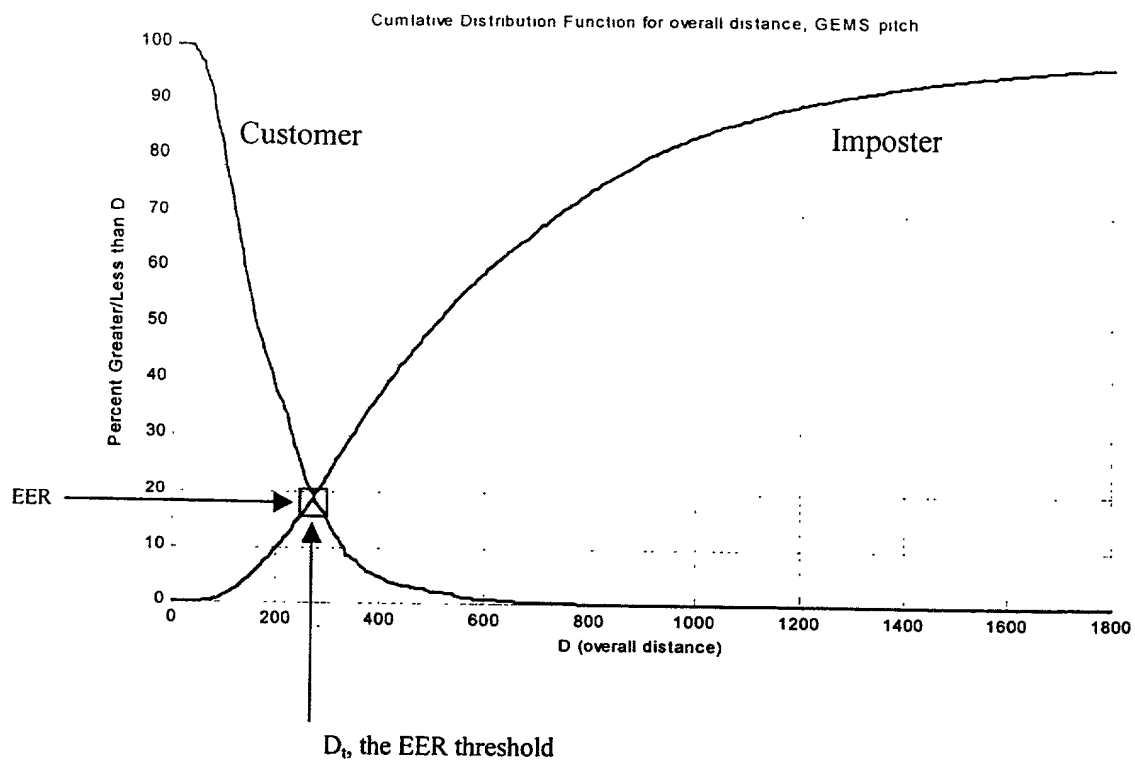


Figure 11

CC Combination	Sentence 1 (%)	Sentence 2 (%)	Sentence 3 (%)	Average (%)
CC1+CC2	12.2	7.6	12.2	10.6
CC1+CC3	8.8	6.8	11.0	8.8
CC1+CC4	9.6	5.8	9.6	8.2
CC1+CC5	7.6	4.0	9.4	7.0
CC1+CC6	5.2	4.2	7.8	5.6
CC1+CC7	9.4	5.6	9.4	8.0
CC1+CC8	10.0	8.6	9.4	9.2
CC1+CC9	11.4	10.2	11.4	10.8
CC1+CC10	14.2	10.0	10.2	11.6
CC1+CC11	13.6	11.2	9.2	11.2
CC1+CC12	11.0	11.0	11.0	11.0

The graph displays the Equal Error Rate (EER) in percentage for three different sentences and their average across 12 combinations of As2 and As. The x-axis labels are As2+As3, As2+As4, As2+As5, As2+As6, As2+As7, As2+As8, As2+As9, As2+As10, As2+As11, and As2+As12. The y-axis represents EER (%) from 0 to 12. Sentence 1 (solid line with diamonds) and Sentence 2 (solid line with squares) both show a significant increase in EER at As2+As8, with Sentence 2 reaching approximately 8.5% and Sentence 1 reaching approximately 9.5%. Sentence 3 (solid line with triangles) shows a more gradual increase, peaking at As2+As11 with an EER of about 8.8%. The average (dashed line with circles) follows a similar trend to Sentence 2, peaking at As2+As8 with an EER of about 9.2%.

As2+As	Sentence 1 (%)	Sentence 2 (%)	Sentence 3 (%)	Average (%)
As2+As3	5.5	6.5	5.2	5.5
As2+As4	4.8	5.8	5.2	5.2
As2+As5	4.8	4.2	5.8	5.0
As2+As6	3.8	4.5	5.8	4.8
As2+As7	3.5	3.5	5.8	5.0
As2+As8	9.5	8.5	11.0	9.2
As2+As9	7.0	7.0	7.0	7.0
As2+As10	8.0	7.0	6.8	7.5
As2+As11	8.0	8.8	8.8	7.8
As2+As12	6.2	7.0	5.5	6.5

Figure 13

### Traditional Acoustic Parameters

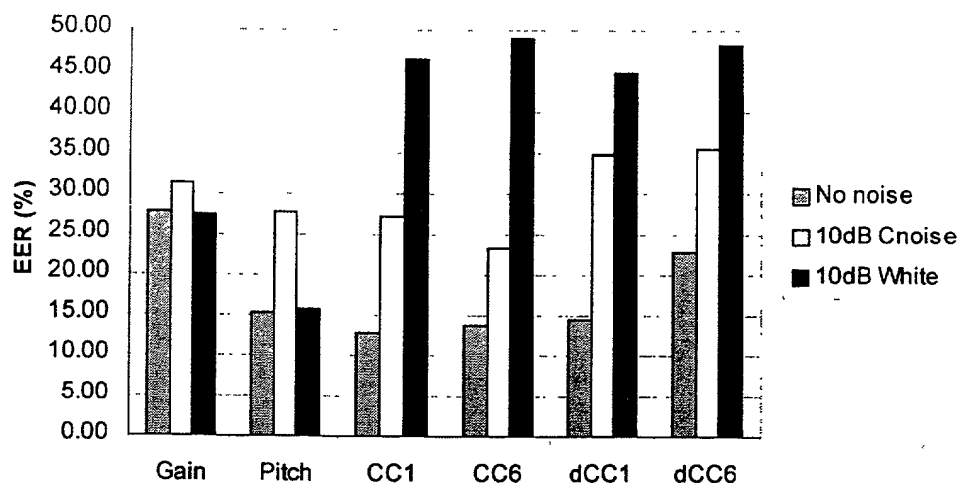


Figure 14

### GEMS Enhanced Parameters

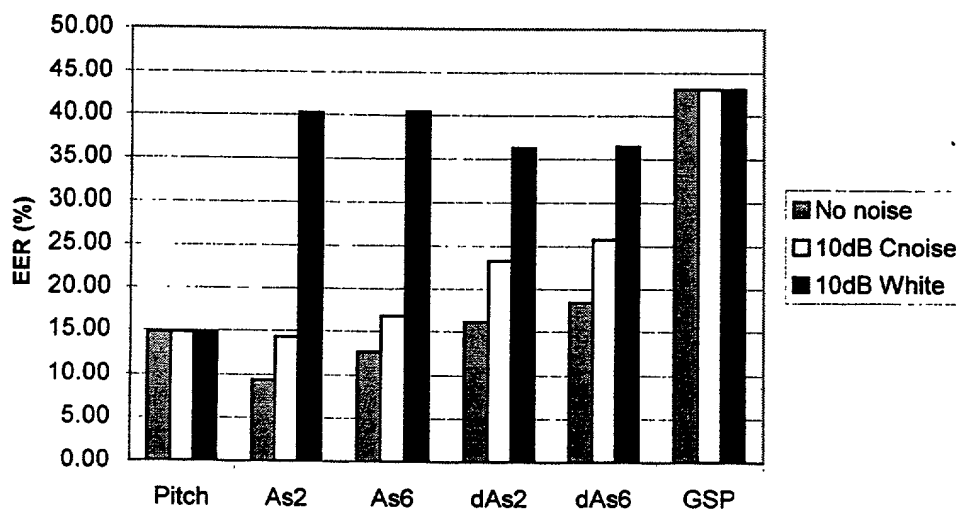


Figure 15

FOI 90-69462860

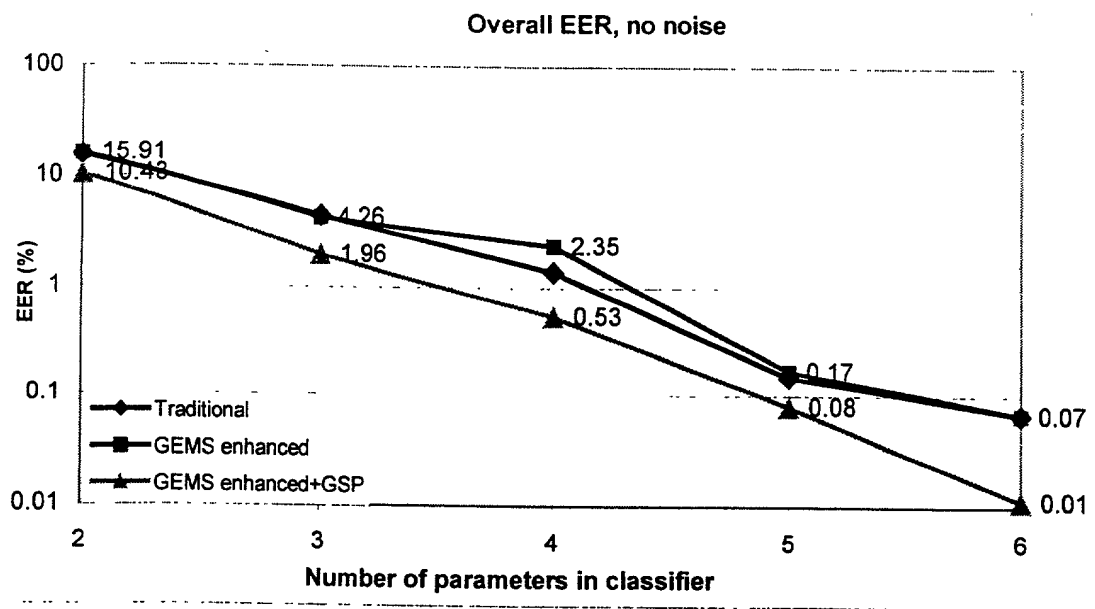


Figure 1b

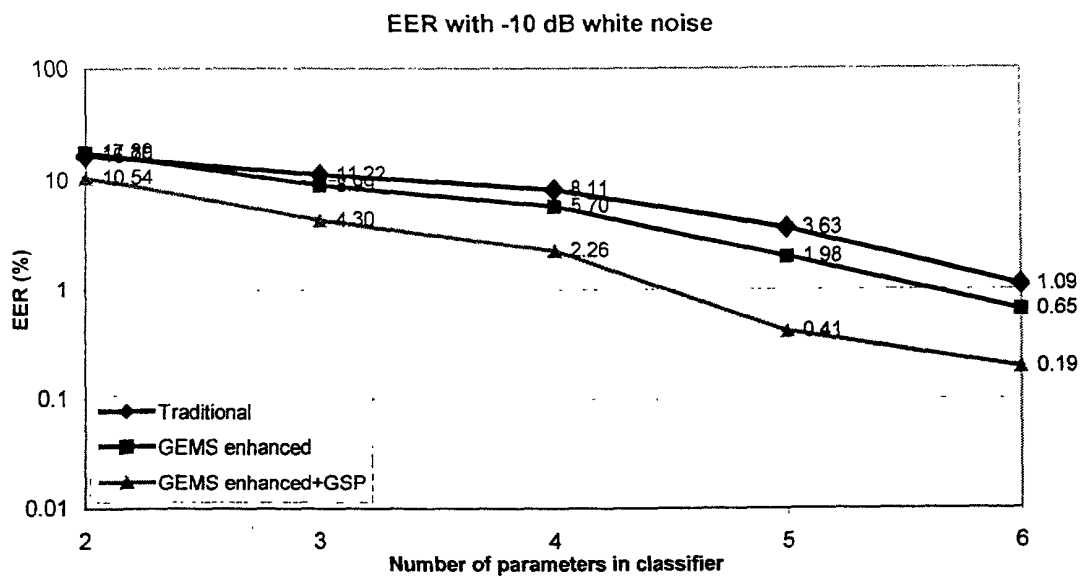


Figure 17

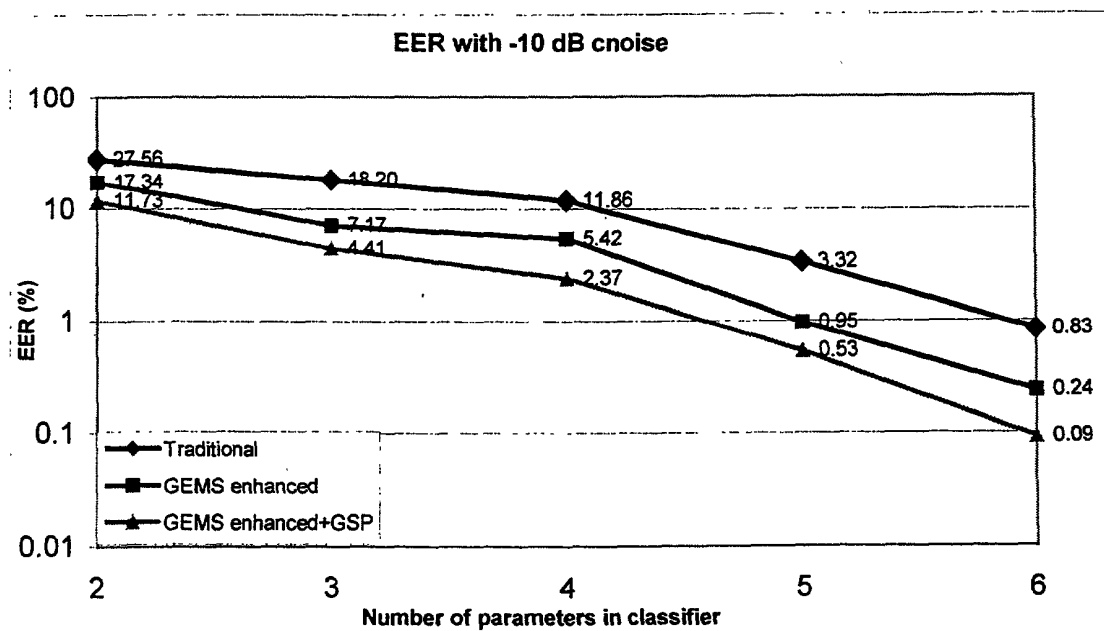


Figure 18